

FA Part 2 Mathematics Chapter 5 Test Online

Sr	Questions	Answers Choice
1	The graph of $2x + y < 2$ is the open half plane which is the origin side of $2x + y = 2$:	A. At B. Not an C. On D. None of these
2	There are feasible solutions in the feasible region:	A. Finitely B. Two C. Infinitely many D. Three
3	Question Image	A. One variable B. Three variable C. Two variable D. Four variable
4	The operation by a positive constant to each side of inequality will affect the order (or sense) of inequality:	A. Adding B. Subtracting C. Multiplying D. None of these
5	A corner point is the point of intersection of:	A. x-axis & D. A. x-axis & D. A. x-axis & D. None
6	ax + by < c is an inequality of:	A. One variable B. Threevariable C. Twovariable D. Fourvariable
7	A region, which is restricted to the quadrant, is referred to as a feasible region for the set of given contraints.	A. First B. Third C. Second D. Fourth
8	Question Image	A. At B. Not on C. On D. None of these
9	(1, 0) is the solution of inequality :	A. 7x + 2y < 8 B. x - 3y < 0 C. 3x + 5y > 6 D3x + 5y > 2
10	The region of the graph ax + by > c is called half plane:	A. Open B. Boundary of C. Closed D. None of these
11	x = 2 is a vertical line perpendicular to:	A. x - axis B. x - axis may be C. y - axis D. None of these
12	-4 < y < 4 is the solution of the following:	A. y = 5 B. y = 3 C. y = -4 D. y = 4
13	A line which divides a plane into two parts is called:	A. Boundary point B. Boundary line C. Feasible line D. None
14	A solution of a linear inequality in x and y is an ordered pair of numbers, which the inequality.	A. Does not satisfy B. May be stisfied C. Satisfies D. None of these
15	For different values of k, the equation $4x + 5y = k$ represents lines to the line $4x + 5y = 0$.	A. Perpendicular B. Parallel C. Equal D. None of these

16 x = a	is a vertical line perpendicular to	A. x - axis B. x - axis may be C. y - axis D. None of these
17 The	ordered pair is a solution of the inequality x + 2y < 6.	A. (3, 3) B. (1, 1) C. (4, 4) D. (5, 5)
18 The	inequality y > b is the open half plane to the of the boundary line y = b:	A. Above B. Left C. Below D. Right
19 Que	stion Image	A. Open B. Closed C. Open as well as closed D. None of these
20 The	inequality x < a is the open half plane to the of the boundary line x = a:	A. Above B. Left C. Below D. Right